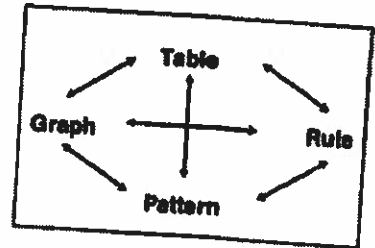


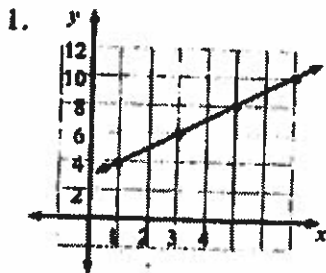
Name _____

Date _____

Multiple Representations of Linear Equations



For each situation, complete a Multiple Representations of Linear Equations web by finding the missing $x \rightarrow y$ table, graph, and/or rule. Since there are many possible patterns, it is not necessary to create one.



Make a table and rule.

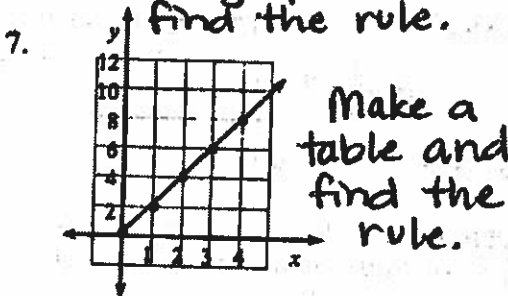
3. $y = 3x - 2$

Make a graph and find the rule.

5.

x	1		4
y	1.5		3

Finish the table.
Make a graph and find the rule.



2.

x	0		3
y	2		11

Finish the table.
Make a graph and find the rule.

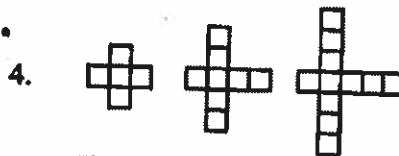


Figure 1 Figure 2 Figure 3

Make a table, graph, and find the rule.

6. $y = -4x + 12$

Make a table and graph.

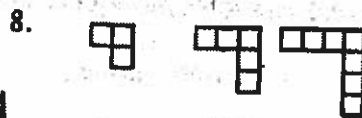


Figure 1 Figure 2 Figure 3

Make a table, graph, and find the rule.

9. $y = -2x + 7$

Make a graph and find the rule.

10.

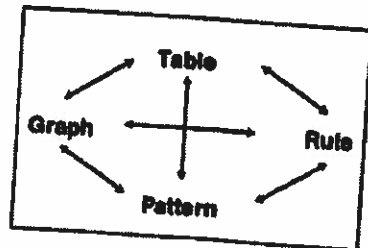
x	1	2	
y	$4\frac{1}{2}$	$6\frac{1}{2}$	

Finish the table.
Make a graph and find the rule. 11.28

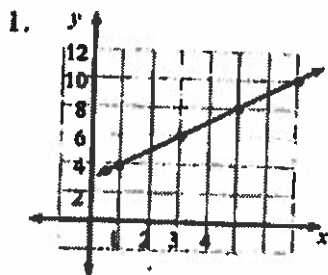
Name _____

Date _____

Multiple Representations of Linear Equations



For each situation, complete a Multiple Representations of Linear Equations web by finding the missing $x \rightarrow y$ table, graph, and/or rule. Since there are many possible patterns, it is not necessary to create one.



Make a table and rule.

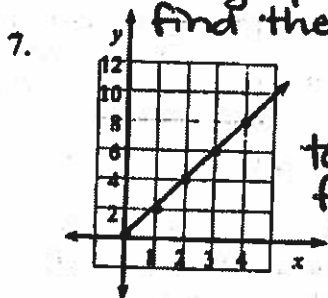
3. $y = 3x - 2$

Make a graph and find the rule.

5.

x	1			4
y	1.5			3

Finish the table.
Make a graph and find the rule.



Make a table and find the rule.

9. $y = -2x + 7$

Make a graph and find the rule.

2.

x	0			3
y	2			11

Finish the table.
Make a graph and find the rule.

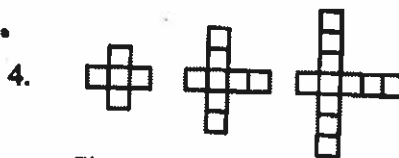


Figure 1 Figure 2 Figure 3

Make a table, graph, and find the rule.

6. $y = -4x + 12$

Make a table and graph.

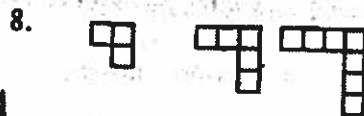


Figure 1 Figure 2 Figure 3

Make a table, graph, and find the rule.

10.

x	1		2		
y	$4\frac{1}{4}$		$6\frac{1}{2}$		

Finish the table.
Make a graph and find the rule. 11.28

